

HORIZONTAL CONTROL
NORTH AMERICAN DATUM OF 1927

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

36-083-44
BARBOURVILLE QUADRANGLE
33 KENTUCKY
N3645-W8345/15
DIAGRAM NJ 17-10
JOHNSON CITY

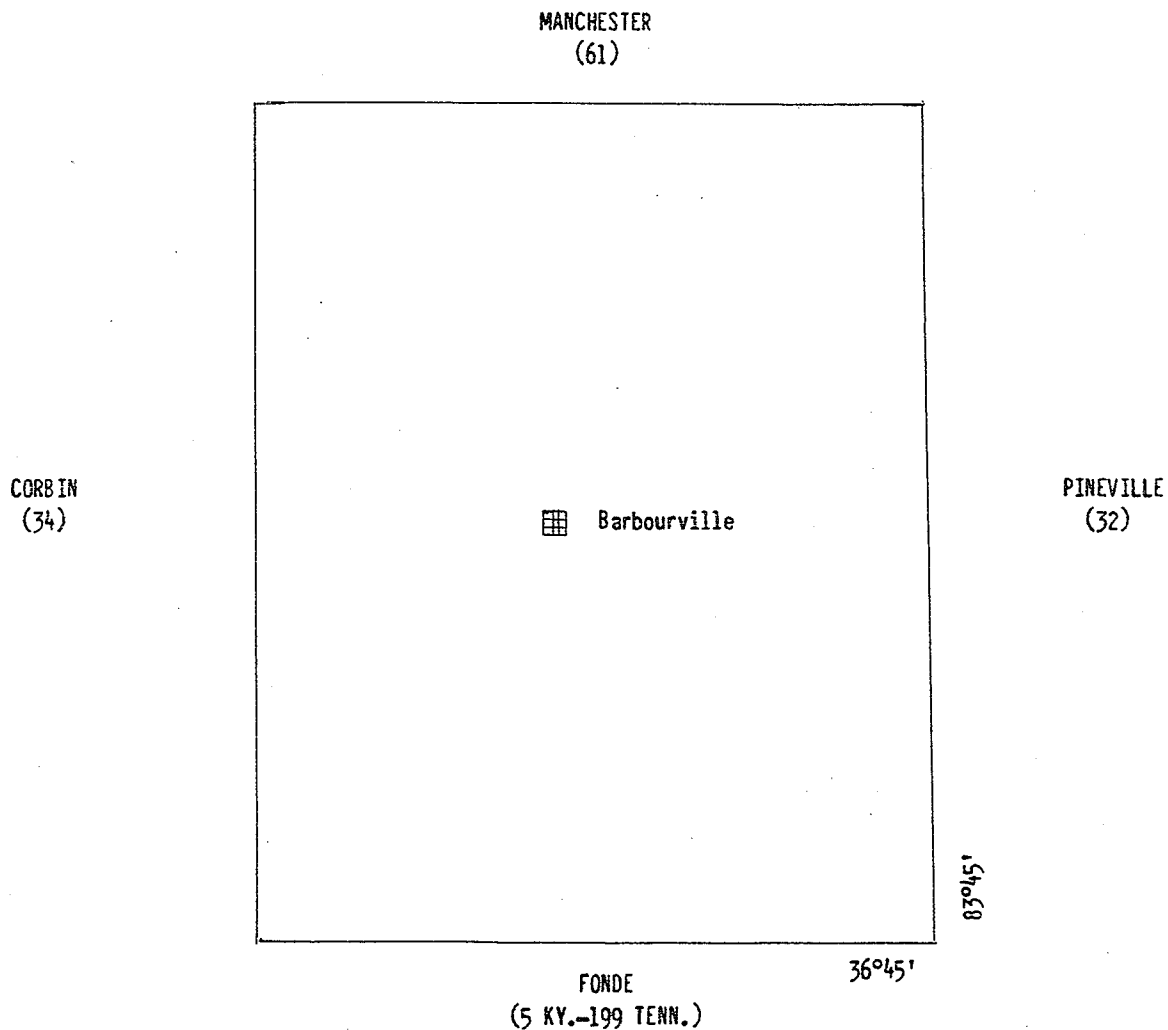
Bell, Knox, Laurel, and Whitley Counties

Edition of 7/22/76

PR: CRV/rmm

Plane coordinates are based on Lambert
projection, Kentucky, South Zone

Only the permanent marks are
listed for control classified
obsolete and are not shown on
sketch



DISCLAIMER

We no longer attest to the validity of the positions listed for horizontal control established by transit traverse procedures. This control is now considered OBSOLETE and is included in this list for the purpose of identification only.

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33 KENTUCKY
BARBOURVILLE QUADRANGLE

36-083-44

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STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

The following positions are considered OBSOLETE. To be used only to locate permanent marks in the field.

By M. L. Bennett, 1951; Books MS 30063, 30222, 30224 (TVA)

Fount, 2.0 mi E. of post office, along Hammons Fork Road; 60 ft SSE. of centerline of rd. at junction of rd. SE.; 23 ft SW. of power pole; 6 ft NNE. of 5-in. willow tree; 2 ft E. of fence; in concrete post; standard tablet stamped "TT 5 BT 1951"

X = 2,570,182 Y = 242,556 36 59 00.15 83 47 52.09

Fount, 4.0 mi E. of post office, along Hammons Fork Road; on property of Elbert Evens; 17 ft SE. of centerline of rd.; 8 ft WSW. of 3-in. poplar tree; 6 ft ENE. of 3-in. sourwood tree; in concrete post; standard tablet stamped "TT 6 BT 1951"

X = 2,576,896 Y = 245,733 36 59 30.18 83 46 28.55

By M. L. Bennett, 1951; Books MS 30067, 30068 (TVA)

Flat Lick, 1.7 mi NE. of post office, along Old Flat Lick Road; 33 ft NE. of, and 1 ft higher than centerline of rd. at junction of Y-rd. N.; on property of Mrs. Lucy Mills; 56 ft NW. of pasture fencepost; 44 ft SSE. of 18-in. sycamore tree; 8 ft SE. of 24-in. walnut tree; in concrete post; standard tablet stamped "TT 13 BT 1951"

X = 2,581,035 Y = 193,655 36 50 54.49 83 45 51.02

Flat Lick; at Louisville and Nashville Railroad overpass over U. S. Highway 25E.; 30 ft S. of N. end of E. abutment of overpass; 14 ft NE. of E. end of side track; 10 ft N. of, and 1 ft lower than N. rail of track; in column; NGS standard disk stamped "D 54 1935 1021.638"

X = 2,579,842 Y = 182,260 36 49 02.09 83 46 08.64

Flat Lick, 2.5 mi SSE. of post office, along U. S. Highway 25E.; 30 ft NW. of, and 1 ft lower than centerline of hwy.; 128 ft NNE. of telephone pole; 61 ft SW. of centerline of drive N.; 24 ft SW. of 3-in. poplar tree near drain; 18 ft NE. of rock outcrop on W. side of hwy.; in concrete post; standard tablet stamped "TT 14 BT 1951"

X = 2,582,747 Y = 175,674 36 47 56.37 83 45 34.62

Fourmile, 0.6 mi W. of flag station, along L. & N. RR., thence 0.4 mi W. along L. & N. spur line, thence 0.1 mi SE. along U. S. Highway 25E.; 16 ft S. of, and level with centerline of hwy.; in S. end of W. concrete abutment of 275-ft bridge over Greasy Fork; NGS standard disk stamped "D 207 1950 1010.881"

X = 2,582,964 Y = 172,366 36 47 23.61 83 45 32.80

STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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OBSOLETE MARKS (Cont'd.)

By M. L. Bennett, 1951; Books MS 8353, 30341 (TVA)

Tinsley, 0.2 mi SW. of post office, along State Highway 92; 1.2 mi SW. of junction of U. S. Highway 25E.; 225 ft NE. of junction of graveled rd. NW.; 16 ft SE. of, and level with centerline of hwy.; SE. of, and across hwy. from small store and service station; in NE. end of SE. concrete headwall of box culvert; NGS standard disk stamped "C 207 1950 1009.683"

X = 2,579,870	Y = 169,169	36 46 52.66	83 46 11.67
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Ingram, 3.8 mi NE. of post office, along State Highway 92; 0.5 mi SW. of post office at Tinsley; 0.1 mi N. of crossing of power transmission line; 32 ft E. of centerline of hwy.; in N. end of concrete headwall of box culvert; NGS standard disk stamped "B 207 1950 1024.936"

X = 2,579,532	Y = 167,619	36 46 37.41	83 46 16.22
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Ingram, 2.9 mi NE. of post office, along State Highway 92; 0.4 mi NE. of crossing of power transmission line; 17 ft SE. of centerline of hwy.; 21 ft NE. of centerline of drive SE.; in NE. end of SE. concrete headwall of culvert; NGS standard disk stamped "A 207 1950 1007.685"

X = 2,578,244	Y = 163,352	36 45 55.49	83 46 33.14
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By M. L. Bennett, 1951; Book MS 30066 (TVA)

Jarvis Store, 4.1 mi NW. of post office, along State Highway 229; 1.0 mi SE. of Knox-Laurel County line; near foot of long slope; 18 ft NE. of, and 3 ft lower than centerline of hwy.; in SE. end of NE. concrete headwall of skew culvert; NGS standard disk stamped "R 203 1950 1076.733"

X = 2,533,219	Y = 246,336	36 59 44.82	83 55 26.66
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Jarvis Store, 3.1 mi NW. of post office, along State Highway 229; at Knox Fork School; 66 ft W. of, and 15 ft lower than centerline of hwy.; 51 ft S. of drilled well; 36 ft W. of W. end of pipe culvert; 29 ft SE. of SE. corner of stone school building; 1 ft NE. of SE. corner of stone wall around basketball court; in concrete post; NGS standard disk stamped "S 203 1950 1043.289"

X = 2,531,775	Y = 241,554	36 58 57.83	83 55 45.60
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Jarvis Store, 2.0 mi NW. of post office, along State Highway 229; 1.1 mi SE. of Knox Fork School; 300 ft W. of junction of rd. NW.; 16 ft N. of, and 1 ft lower than centerline of hwy.; in W. end of N. concrete headwall of box culvert; NGS standard disk stamped "I 203 1950 1009.201"

X = 2,535,583	Y = 238,521	36 58 27.12	83 54 59.40
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STATION	DESCRIPTION PLANE COORDINATES, FEET	LATITUDE ° ' "	LONGITUDE ° ' "
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OBSOLETE MARKS (Cont'd.)

Jarvis Store, 1.3 mi NW. of post office, along State Highway 229; 14 ft NE. of centerline of hwy.; in SE. end of NE. concrete headwall of box culvert; NGS standard disk stamped "U 203 1950 1002.678"

X = 2,538,990	Y = 237,365	36 58 15.03	83 54 17.70
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Jarvis Store, 0.4 mi N. of, along State Highway 229; at junction of State Highway 231; 39 ft SW. of, and 5 ft lower than centerline of Highway 229; 67 ft S. of junction of hwy.; 74 ft N. of NE. corner of barn; 53 ft SE. of SE. corner of house; 2 ft E. of 4-in. box elder tree; in concrete post; standard tablet stamped "X 189 1950 993.692"

X = 2,541.897	Y = 234,205	36 57 43.23	83 53 42.65
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Jarvis Store, 1.5 mi S. of post office, along State Highway 229; 24 ft E. of centerline of hwy.; 50 ft SW. of fencepost; 41 ft E. of 5-in. locust tree; 20 ft NW. of 24-in. forked apple tree; in concrete post; standard tablet stamped "T 15 BT 1951"

X = 2,542,590	Y = 224,631	36 56 08.44	83 53 36.43
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Barbourville, 4.1 mi NW. of; 3.3 mi S. of Jarvis Store; 65 ft W. of junction of U. S. Highway 25 E. and State Highway 229; 114 ft W. of concrete hwy. project post; 4 ft SW. of route marker post; 4 ft NE. of 10-in. guardpost; in concrete post; standard tablet stamped "T 16 BT 1951" (Reported covered by earth, 1966) (Reported destroyed, 1971)

X = 2,539,927	Y = 216,580	36 54 49.36	83 54 11.16
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Barbourville, 1.2 mi NE. of station, along Manchester Branch of L. & N. RR.; 109 ft SE. of crossing of U. S. Highway 25E.; 68 ft S. of junction of Highway 25E. and State Highway 11; 32 ft E. of E. rail of main track; 54 ft S. of S. end of pipe culvert with concrete headwalls; 4 ft NE. of telephone pole; in concrete post; NGS standard disk stamped "V 53 1935 982.918" (Not found, 1974)

X = 2,547,153	Y = 206,268	36 53 06.01	83 52 44.72
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Barbourville, 8 ft from SW. corner of L. & N. RR. station; 390 ft NW. of crossing of business route of U. S. Highway 25E.; in SW. corner of concrete platform; NGS standard disk stamped "Y 53 RESET 1959"

HORIZONTAL POSITION LOST

Barbourville, 1.2 mi SE. of station, along L. & N. RR.; 2.0 mi NW. of station at Artemus; at private rd. crossing at Minton Hardwood Mill; 109 ft NNE. of crossing of NE. main track; 94 ft NE. of, and 2 ft higher than NE. rail of NE. main track; 25 ft NW. of centerline of private rd.; 49 ft N. of N. corner of corrugated-tin building; 3 ft E. of power pole; in concrete post; NGS standard disk stamped "Z 53 1935 RESET 1950 1003.994"

X = 2,549,187	Y = 192,161	36 50 46.15	83 52 23.14
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STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

By M. L. Bennett, 1951; Book MS 30225 (TVA)

Barbourville, 1.0 mi S. of courthouse, along State Highway 11; 0.7 mi S. of bridge over Cumberland River; 0.2 mi N. of junction of rd. E.; 28 ft SW. of, and 2 ft lower than centerline of hwy.; 90 ft SE. of top of small grade; 40 ft S. of junction of drive NE. to farmhouse; 29 ft NW. of telephone pole; 11 ft SE. of SE. post of gate to pasture; 1 ft NE. of fenceline; in concrete post; NGS standard disk stamped "X 175 1950 990.398"

X = 2,544,891 Y = 194,676 36 51 11.92 83 53 20.24

Barbourville, 1.6 mi S. of courthouse, along State Highway 11; 0.4 mi S. of junction of rd. E.; 30 ft NW. of, and 1 ft lower than centerline of hwy.; 195 ft NE. of culvert at bottom of grade; 24 ft SW. of SW. post of gate across drive to barn; 13 ft W. of telephone pole; 1 ft SE. of fenceline; in concrete post; NGS standard disk stamped "W 175 1950 980.116"

X = 2,543,813 Y = 191,782 36 50 43.45 83 53 29.32

Barbourville, 2.7 mi SW. of courthouse, along State Highway 11; 258 ft SW. of junction of rd. to Swanpond; 32 ft NW. of, and 1 ft lower than centerline of hwy.; 201 ft NE. of fence corner; 42 ft SW. of telephone pole; in concrete post; NGS standard disk stamped "V 175 1950 1016.159"

X = 2,538,842 Y = 188,990 36 50 16.80 83 54 31.13

Barbourville, 3.8 mi SW. of courthouse, along State Highway 11; at N. end of curve with tangents N. and SW.; 16 ft E. of centerline of hwy.; in S. end of E. concrete headwall of culvert; NGS standard disk stamped "U 175 1950 962.977"

X = 2,536,740 Y = 183,724 36 49 25.15 83 54 58.24

Barbourville, 4.6 mi SW. of courthouse, along State Highway 11; 21 ft SE. of, and 1 ft higher than centerline of hwy.; at junction of dim rd. S.; 240 ft NNW. of Prichard Branch Baptist Church; 64 ft W. of centerline of rd. S.; 30 ft SW. of fence corner; 18 ft W. of NW. corner of house; 1 ft NW. of fenceline; in concrete post; NGS standard disk stamped "T 175 1950 994.345"

X = 2,534,049 Y = 180,578 36 48 54.57 83 55 32.10

Barbourville, 5.7 mi SW. of courthouse, along State Highway 11; 0.7 mi N. of junction of graveled rd. SE. to Bryants Store; 0.1 mi N. of junction of graveled rd. W.; 0.1 mi SW. of top of hill; on outside of hwy. curve with tangents NE. and S.; 24 ft W. of centerline of hwy.; 123 ft SE. of porch corner of farmhouse with red-brick foundation; 30 ft S. of centerline of drive W. to farmhouse; in concrete post; NGS standard disk stamped "S 175 1950 1051.569"

X = 2,529,420 Y = 176,986 36 48 19.93 83 56 29.85

33 KENTUCKY
BARBOURVILLE QUADRANGLE

36-083-44
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STATION DESCRIPTION
PLANE COORDINATES, FEET

LATITUDE
° ' "

LONGITUDE
° ' "

OBSOLETE MARKS (Cont'd.)

Barbourville, 6.3 mi SW. of courthouse, along State Highway 11; 12 ft E. of, and 1 ft lower than centerline of hwy.; 62 ft SE. of junction of graveled rd. SE. to Bryants Store; in S. end of E. concrete headwall of culvert under hwy.; NGS standard disk stamped "R 175 1950 974.362"

X = 2,529,536

Y = 173,495

36 47 45.40

83 56 29.25

By M. L. Bennett, 1951; Books MS 30065, 30225, 30341 (TVA)

Gausdale, 0.25 mi NE. of post office, along State Highway 11; 0.2 mi SW. of Knox-Whitley County line; at outside of curve with tangents N. and SW.; 20 ft SE. of, and 4 ft lower than centerline of hwy.; in SW. end of SE. concrete headwall of culvert; NGS standard disk stamped "B 208 1950 965.828"

X = 2,521,258

Y = 159,802

36 45 31.58

83 58 14.17